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PTO/SB/29 (12/97)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

9824-0037-999

Total Pages

67

First Named Inventor or Application Identifier

Ravi SUBRAMANIAN

Express Mail Label No.

EL 564 215 820 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. ☒ Fee Transmittal Form
Submit an original, and a duplicate for fee processing)2. ☒ Specification [Total Pages 50]
(preferred arrangement set forth below)

-Descriptive title of the Invention

-Cross Reference to Related Applications

-Statement Regarding Fed sponsored R&D

-Reference to Microfiche Appendix

-Background of the Invention

-Brief Summary of the Invention

-Brief Description of the Drawings (if filed)

-Detailed Description of the Invention (including drawings, if filed)

-Claim(s)

-Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) [Total Sheets 15]4. ☒ Oath or Declaration (Unexecuted) [Total Sheets 2]a. ☐ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)**[Note Box 5 below]**i. ☐ **DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.6. ☐ Microfiche Computer Program (Appendix)7. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☐ Assignment Papers (cover sheet & document(s))9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)10. ☐ English Translation Document (if applicable)11. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations12. ☐ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)14. ☒ Small Entity ☐ Statement filed in prior application,
Statement(s) Status still proper and desired15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. ☐ Other:17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: filed .**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

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(Insert Customer No. or Attach bar code label here)

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PENNIE & EDMONDS LLP
 COUNSELLORS AT LAW
 3300 Hillview Avenue
 Palo Alto, California 94304
 (650) 493-4935

ATTORNEY DOCKET NO. 9824-0037-999Date: December 29, 2000

Assistant Commissioner for Patents
 Box PATENT APPLICATION
 Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Ravi SUBRAMANIAN

Executed on: Unexecuted

Title of Invention: A CONFIGURABLE ALL-DIGITAL COHERENT DEMODULATOR SYSTEM FOR SPREAD
 SPECTRUM APPLICATIONS

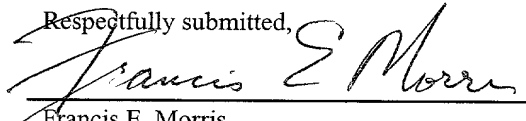
PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	63	-20	43	\$18.00 each	\$ 774.00
Independent	12	-3	9	\$80.00 each	\$ 720.00
Minimum Fee					\$ 710.00
Multiple Dependency Fee If Applicable (\$270.00)					\$ 0.00
Total					\$ 2,204.00
50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					- \$ 1,102.00
Total Filing Fee					\$ 1,102.00

- ☒ Priority of provisional application no. 60/173,633 filed on December 30, 1999 in the United States Patent and Trademark Office is claimed under 35 U.S.C. § 119.
- ☐ The certified copy of the priority application has been filed in application no. filed
- ☐ Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed .

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,



Francis E. Morris
 PENNIE & EDMONDS LLP

24,615
 (Reg. No.)

Enclosure

This form is not for use with continuation, divisional, re-issue, design or plant patent applications.